

AMENDMENTS TO THE CLAIMS

1. (Withdrawn) A dispenser for a liquid crystal display panel, comprising: a table on which a substrate is loaded; an aligning substrate provided at least along one side of the substrate; at least one syringe having a nozzle at an end portion for supplying a material onto the substrate or onto the aligning substrate; and an image camera provided at a side of the syringe for detecting an image of the material on the substrate or on the aligning substrate.
2. (Withdrawn) The dispenser of claim 1, wherein a plurality of thin film transistor array substrates are formed on the substrate.
3. (Withdrawn) The dispenser of claim 1, wherein a plurality of color filter substrates are formed on the substrate.
4. (Withdrawn) The dispenser of claim 1, wherein the aligning substrate is formed of glass and is at least two times narrower than a width of the substrate.
5. (Withdrawn) The dispenser of claim 1, wherein the aligning substrate is attached at one side of the table and has an upper surface that is at the same height as an upper surface of the substrate.
6. (Withdrawn) The dispenser of claim 1, wherein the table is horizontally moved in forward/backward and left/right directions.
7. (Withdrawn) The dispenser of claim 1, wherein the material includes a sealant.
8. (Withdrawn) The dispenser of claim 1, wherein the material includes liquid crystal.
9. (Withdrawn) The dispenser of claim 1, wherein the material includes silver (Ag).

10. (Currently Amended) A dispensing method for a liquid crystal display panel, comprising:

attaching an aligning substrate to at least one side surface of a table;
moving the table so that a syringe is positioned over the aligning substrate;
lowering the syringe so that a nozzle of the syringe contacts the aligning substrate;
raising the syringe so that the nozzle of the syringe and the aligning substrate have a desired gap therebetween;
providing a substrate onto the top surface of the table to be adjacent to the aligning substrate; and
moving the table to position the syringe over the substrate from the aligning substrate to dispense a material onto the substrate through the syringe,
wherein the substrate having an flat upper surface and the height of the upper surface of the aligning substrate is same as that of the substrate so that the syringe is raised at the set height from the surface of the aligning substrate and the height of the syringe is constant over the whole area of the substrate.

11. (Original) The method of claim 10, wherein dispensing a material includes dispensing a sealant.

12. (Original) The method of claim 10, wherein dispensing a material includes dispensing liquid crystal.

13. (Original) The method of claim 10, wherein dispensing a material includes dispensing silver (Ag).

14. (Currently Amended) A dispensing method for a liquid crystal display panel, comprising:
attaching an aligning substrate to at least one side surface of a table;
moving the table so that a plurality of syringes are positioned over the aligning substrate;

applying a material onto the aligning substrate attached to the table through a nozzle provided at end portions of each of the plurality of syringes to form a plurality of alignment patterns on the aligning substrate;

detecting an image of the alignment patterns on the aligning substrate through an image camera provided at each side of the plurality of syringes;

aligning the plurality of syringes on the basis of the image of the alignment patterns on the aligning substrate detected through the image camera;

providing a substrate onto the top surface of the table to be adjacent to the aligning substrate, the height of the substrate being same as that of the aligning substrate; and

moving the table to position the syringe over the substrate from the aligning substrate to dispense the material onto the substrate through the plurality of syringes.

15. (Currently Amended) A dispensing method for a liquid crystal display panel, comprising:

attaching an aligning substrate to at least one side surface of a table;

moving the table so that a plurality of syringes are positioned on the aligning substrate;

lowering the syringes so that the nozzles provided at end portions of each of the plurality of syringes contacts the aligning substrate;

raising the syringes so as to obtain a desired gap between the aligning substrate and the nozzles;

applying a material onto the aligning substrate through the nozzles and forming a plurality of alignment patterns on the aligning substrate;

detecting an image of the alignment patterns on the aligning substrate through an image camera provided at each side of the plurality of the syringes;

aligning the plurality of syringes on the basis of the image of the alignment patterns on the aligning substrate detected by the image camera;

providing a substrate onto the top surface of the table to be adjacent to the aligning substrate, the height of the substrate being same as that of the aligning substrate; and

moving the table to position the syringe over the substrate from the aligning substrate to dispense the material onto the substrate through the plurality of syringes,

wherein the substrate having an flat upper surface and the height of the upper surface of the aligning substrate is same as that of the substrate so that the syringe is raised at the set height from the surface of the aligning substrate and the height of the syringe from the surface of the substrate is constant over the whole area of the substrate.

16. (Original) The method of claim 15, further comprising:
cleaning the aligning substrate after the syringes are raised to have a desired gap between the aligning substrate and the nozzles.

17 (New) The method of claim 10, wherein the aligning substrate is made of a glass.

18 (New) The method of claim 14, wherein the aligning substrate is made of a glass.